



TEST REPORT

Report No...... : WTX24X11277705C
Applicant..... : Lumi United Technology Co., Ltd
Address..... : Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370,
Liuxian Avenue, Fuguang Community, Taoyuan Residential District,
Nanshan District, Shenzhen, China
Manufacturer..... : Same as Applicant
Address..... : Same as Applicant
Sample Name..... : Hub M100
Model No. : HM-G02E
Reference Model No. : HM-G02D
Brand..... : Aqara
Test Requested..... : According to European Commission Regulation 1907/2006 (REACH
Act), to determine the two hundred and forty-two(242) Substances of
Very High Concern (SVHC) and seven (7) potential Substance which
have been listed in ECHA's website:
<https://echa.europa.eu/candidate-list-table>
Test Conclusion..... : According to the specified scope and analytical technique, the
concentrations of the 242 Substances of SVHC and 7 potential
Substance are less than 0.1% in the submitted samples.
Date of Receipt sample..... : 2024-12-16
Testing period..... : 2024-12-16 ~ 2024-12-24
Date of Issue..... : 2024-12-24
Test Result..... : Refer to next page (s)

Prepared By:

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Signed for and on behalf of
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Test Method..... : In-house method with reference to EPA 3550C:2007, US EPA 8270D:2018, US EPA 3052:1996, US EPA3050B:1996, US EPA 6010D:2018, BS EN ISO 14362-1:2017, BS EN ISO 14362-3:2017, ISO 17234-1:2020, ISO 17234-2:2011, ISO 17353:2004 , AfPS GS 2019:01 PAK.

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Test Results:

Group No.	Substance Name	CAS NO.	Result (%w/w)	RL (%w/w)
T01	242 Substances of SVHC and 7 potential Substance in candidate list	--	ND	--
T02	242 Substances of SVHC and 7 potential Substance in candidate list	--	ND	--

Test Group(s):

Group No.	Sample No.	Materials Description
T01	6	Silvery metal shell
T01	7	Golden cladding metal PIN
T01	14	Silvery metal wire core
T01	15	Solder
T01	17	Silvery metal body (Crystal oscillator)
T01	22	Coppery metal coil (Inductance)
T01	28	Silvery square metal body (switch)
T01	29	Silvery metal sheet (switch)
T02	1	White plastic
T02	2	White plastic shell
T02	3	White plastic
T02	4	Transparent plastic label w/gray printing
T02	5	White rubber ring
T02	8	White plastic
T02	9	Translucent plastic filling
T02	10	Black plastic wire jacket
T02	11	Red plastic wire jacket
T02	12	White plastic wire jacket
T02	13	Green plastic wire jacket
T02	16	Black IC SMD
T02	18	Black IC SMD
T02	19	Black IC SMD
T02	20	Green cladding PCB board
T02	21	Gray solid material (Inductance)
T02	23	Black IC SMD



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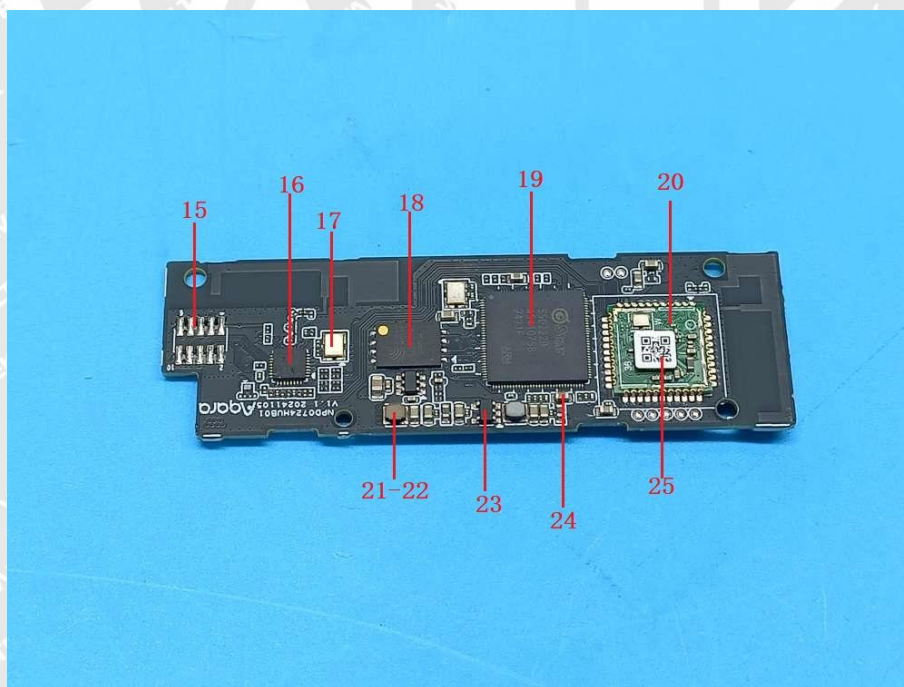
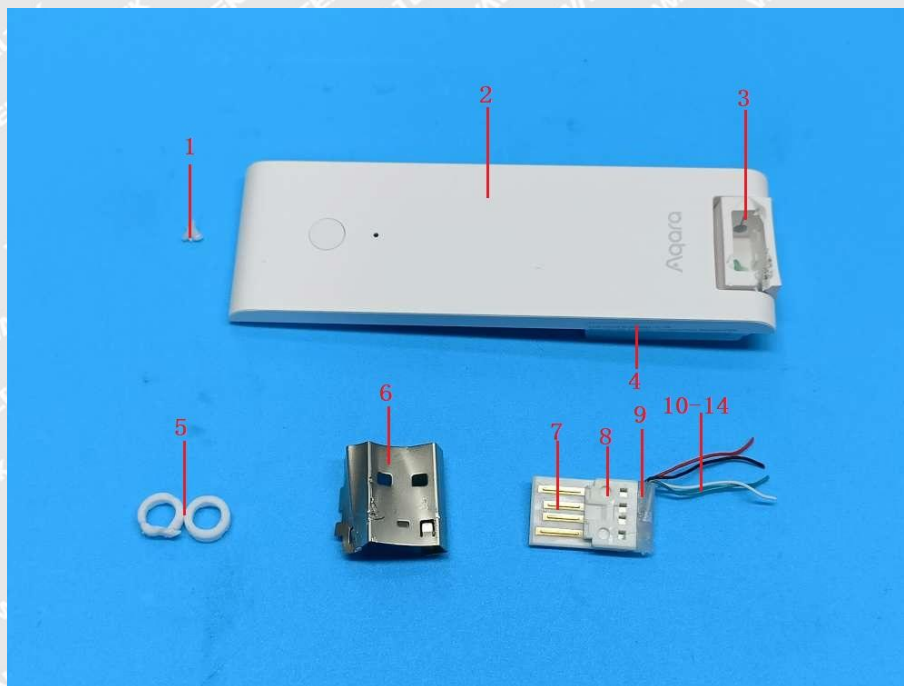
Group No.	Sample No.	Materials Description
T02	24	Brown capacitor SMD
T02	25	Black IC SMD
T02	26	Black cladding PCB board (Test as a whole)
T02	27	Black plastic button (switch)
T02	30	Black plastic base (switch)
T02	31	Black triode SMD
T02	32	Black diode SMD

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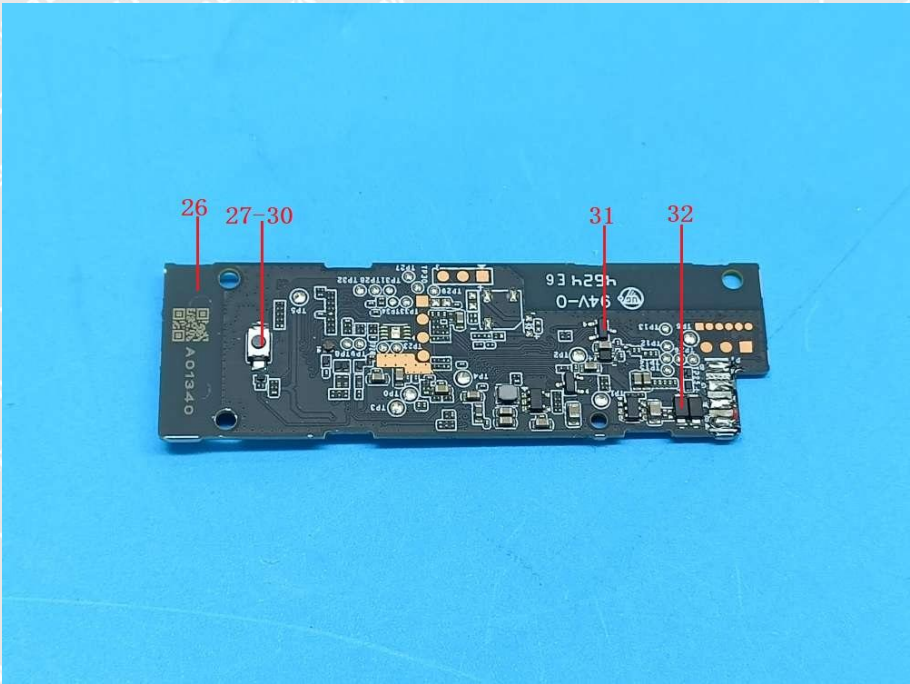
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Photograph of parts tested :





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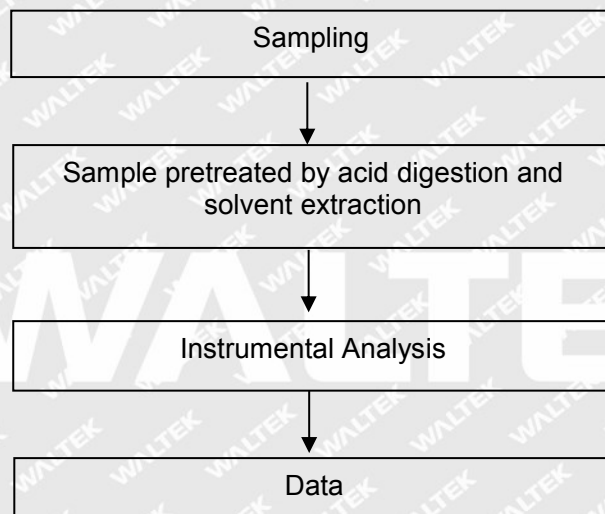


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Note:

1. In accordance with regulation (EC) No 1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1), if both the following conditions are met:
 - (a) The substance is present in those articles in quantities totalling over one tonne per producer or importer per year;
 - (b) The substance is present in those articles above a concentration of 0.1% weight by weight (w/w).
2. From 28 October 2008, EU & EEA suppliers of articles which contain substances on the Candidate List in a concentration above 0.1% (W/W) must provide sufficient information, available to them, to their customers and on request to a consumer within 45 days of the receipt of this request. This information must ensure safe use of the article and, as a minimum, include the name of the substance.
3. ND=Not detected, Less than reporting limit (RL).
4. The test result of whole product was based on the test results of other test groups.
5. Results are calculated by the minimum weight of mixed components.

Measurement Flowchart:





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Appendix

The list of 242 Substances of Very High Concern

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL (%,w/w)
I	1	Anthracene	120-12-7	204-371-1	0.0050
I	2	4,4'- Diaminodiphenylmethane (MDA)	101-77-9	202-974-4	0.0050
I	3	Dibutyl phthalate (DBP)	84-74-2	201-557-4	0.0050
I	4	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	204-211-0	0.0050
I	5	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	0.0050
I	6	Bis(tributyltin) oxide (TBTO)	56-35-9	200-268-0	0.0050
I	7	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	81-15-2	201-329-4	0.0050
I	8	Hexabromocyclododecane and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD) (HBCDD)	25637-99-4/ 3194-55-6/ (134237-50-6/ 134237-51-7/ 134237-52-8)	247-148-4/ 221-695-9	0.0050
I	9	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	0.0100
I	10	Lead hydrogen arsenate	7784-40-9	232-064-2	0.0500
I	11	Triethyl arsenate	15606-95-8	427-700-2	0.0500
I	12	Diarsenic pentaoxide	1303-28-2	215-116-9	0.0500
I	13	Diarsenic trioxide	1327-53-3	215-481-4	0.0500
I	14	Cobalt dichloride	7646-79-9	231-589-4	0.0500
I	15	Sodium dichromate	10588-01-9/ 7789-12-0	234-190-3	0.0500
II	16	Anthracene oil	90640-80-5	292-602-7	0.0500
II	17	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	295-278-5	0.0500
II	18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.0500
II	19	Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.0500
II	20	Anthracene oil,anthracene paste	90640-81-6	292-603-2	0.0500
II	21	Diisobutyl phthalate (DIBP)	84-69-5	201-553-2	0.0050
II	22	2,4-dinitrotoluene	121-14-2	204-450-0	0.0100
II	23	Lead chromate	7758-97-6	231-846-0	0.0500
II	24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	235-759-9	0.0500
II	25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	0.0500
II	26	Pitch, coal tar, high-temp	65996-93-2	266-028-2	0.0500
II	27	Tris(2-chloroethyl) phosphate(TECP)	115-96-8	204-118-5	0.0100
II	28	Acrylamide	79-06-1	201-173-7	0.0100



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Batch	No.	Substance Name(s)	CAS No.	EC No.	RL (%,w/w)
III	29	Trichloroethylene	79-01-6	201-167-4	0.0100
III	30	Boric acid	10043-35-3/ 11113-50-1	233-139-2/ 234-343-4	0.0050
III	31	Disodium tetraborate, anhydrous	12179-04-3/ 1303-96-4/ 1330- 43-4	215-540-4	0.0050
III	32	Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	0.0500
III	33	Sodium chromate	7775-11-3	231-889-5	0.0500
III	34	Potassium chromate	7789-00-6	232-140-5	0.0500
III	35	Ammonium dichromate	7789-09-5	232-143-1	0.0500
III	36	Potassium dichromate	7778-50-9	231-906-6	0.0500
IV	37	Chromium trioxide	1333-82-0	215-607-8	0.0500
IV	38	2-Methoxyethanol	109-86-4	203-713-7	0.0500
IV	39	2-Ethoxyethanol	110-80-5	203-804-1	0.0500
IV	40	Cobalt (II) diacetate	71-48-7	200-755-8	0.0500
IV	41	Cobalt (II) carbonate	513-79-1	208-169-4	0.0500
IV	42	Cobalt (II) dinitrate	10141-05-6	233-402-1	0.0500
IV	43	Cobalt (II) sulphate	10124-43-3	233-334-2	0.0500
IV	44	Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2	231-801-5 236-881-5	0.0500
V	45	2-ethoxyethyl acetate	111-15-9	203-839-2	0.0100
V	46	Strontium chromate	7789-06-2	232-142-6	0.0500
V	47	1,2-Benzenedicarboxylic acid, di-C7- 11-branched and linear alkyl esters (DHNUP)	68515-42-4	271-084-6	0.0500
V	48	Hydrazine	302-01-2/ 7803- 57-8	206-114-9	0.0100
V	49	1-methyl-2-pyrrolidone	872-50-4	212-828-1	0.0100
V	50	1,2,3-trichloropropane	96-18-4	202-486-1	0.0100
V	51	1,2-Benzenedicarboxylic acid, di-C6- 8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	276-158-1	0.0500
VI	52	Aluminosilicate Refractory Ceramic Fibres (RCF)	—	index No. 650-017-00-8	0.0500
VI	53	Zirconia Aluminosilicate Refractory Ceramic Fibres	—	index No. 650-017-00-8	0.0500
VI	54	Dichromium tris(chromate)	24613-89-6	246-356-2	0.0500



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VI	55	Potassium hydroxyoctaoxodizincate di-chromate	11103-86-9	234-329-8	0.0500
VI	56	Pentazinc chromate octahydroxide	49663-84-5	256-418-0	0.0500
VI	57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	0.0500
VI	58	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	204-212-6	0.0050
VI	59	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	0.0100
VI	60	4-(1,1,3,3-tetramethylbutyl) phenol	140-66-9	205-426-2	0.0100
VI	61	1,2-Dichloroethane	107-06-2	203-458-1	0.0100
VI	62	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	0.0100
VI	63	Arsenic acid	7778-39-4	231-901-9	0.0500
VI	64	Calcium arsenate	7778-44-1	231-904-5	0.0500
VI	65	Trilead diarsenate	3687-31-8	222-979-5	0.0500
VI	66	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	0.0100
VI	67	Phenolphthalein	77-09-8	201-004-7	0.0500
VI	68	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	0.0100
VI	69	Lead azide; Lead diazide	13424-46-9	236-542-1	0.0500
VI	70	Lead styphnate	15245-44-0	239-290-0	0.0500
VI	71	Lead dipicrate	6477-64-1	229-335-2	0.0500
VII	72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.0100
VII	73	1,2-dimethoxyethane; ethylene glycol dimethyl ether(EGDME)	110-71-4	203-794-9	0.0100
VII	74	Diboron trioxide	1303-86-2	215-125-8	0.0500
VII	75	Formamide	75-12-7	200-842-0	0.0100
VII	76	Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5	0.0500
VII	77	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazine-2,4,6-trione (TGIC)	2451-62-9	219-514-3	0.0500
VII	78	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine- 2,4,6-(1H,3H,5H)-trione (β-TGIC)	59653-74-6	423-400-0	0.0500
VII	79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8	202-027-5	0.0100
VII	80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	0.0100
VII	81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride(C.I. Basic Violet 3)	548-62-9	208-953-6	0.0500



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Batch	No.	Substance Name(s)	CAS No.	EC No.	RL (%,w/w)
VII	82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cy clohexa-2,5-dien-1-ylidene] dimethylammonium chloride(C.I. Basic Blue 26)	2580-56-5	219-943-6	0.0500
VII	83	α,α -Bis[4-(dimethylamino)phenyl]-4(phenylamino) naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	0.0500
VII	84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2	0.0100
VIII	85	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	1163-19-5	214-604-9	0.0050
VIII	86	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	0.0100
VIII	87	Tricosafuorododecanoic acid	307-55-1	206-203-2	0.0100
VIII	88	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	0.0100
VIII	89	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	0.0100
VIII	90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	—	—	0.0100
VIII	91	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	—	—	0.0100
VIII	92	Diazene-1,2-dicarboxamide(C,C'-azodi(formamide))	123-77-3	204-650-8	0.0100
VIII	93	Cyclohexane-1,2-dicarboxylic anhydride; Cis-cyclohexane-1,2-dicarboxylic anhydride; Trans-cyclohexane-1,2-dicarboxylic anhydride trans-cyclohexane-1,2-dicarboxylic anhydride]	85-42-7/ 13149-00-3/ 14166-21-3	201-604-9/ 236-086-3/ 238-009-9	0.0100
VIII	94	Hexahydromethylphthalic anhydride ; Hexahydro-4-methylphthalic anhydride ; Hexahydro-3-methylphthalic anhydride ; Hexahydro-1-methylphthalic anhydride	25550-51-0/ 19438-60-9/ 57110-29-9/ 48122-14-1	247-094-1/ 243-072-0/ 260-566-1/ 256-356-4	0.0100
VIII	95	Methoxy acetic acid	625-45-6	210-894-6	0.0100
VIII	96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	0.0100
VIII	97	Diisopentyl phthalate (DIPP)	605-50-5	210-088-4	0.0100
VIII	98	N-pentyl-isopentylphthalate	776297-69-9	—	0.0100

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VIII	99	1,2-Diethoxyethane	629-14-1	211-076-1	0.0100
VIII	100	N,N-dimethylformamide	68-12-2	200-679-5	0.0100
VIII	101	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	0.0100
VIII	102	Acetic acid, lead salt, basic	51404-69-4	257-175-3	0.0500
VIII	103	Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6	0.0500
VIII	104	Lead oxide sulfate	12036-76-9	234-853-7	0.0500
VIII	105	[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5	0.0500
VIII	106	Dioxobis(stearato)trilead	12578-12-0	235-702-8	0.0500
VIII	107	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	0.0500
VIII	108	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	0.0500
VIII	109	Lead cyanamidate	20837-86-9	244-073-9	0.0500
VIII	110	Lead dinitrate	10099-74-8	233-245-9	0.0500
VIII	111	Lead monoxide (lead oxide)	1317-36-8	215-267-0	0.0500
VIII	112	Orange lead (lead tetroxide)	1314-41-6	215-235-6	0.0500
VIII	113	Lead titanium trioxide	12060-00-3	235-038-9	0.0500
VIII	114	Lead titanium zirconium oxide	12626-81-2	235-727-4	0.0500
VIII	115	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	0.0500
VIII	116	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	0.0500
VIII	117	Silicic acid, barium salt(1:1), lead-doped	68784-75-8	272-271-5	0.0500
VIII	118	Silicic acid, lead salt	11120-22-2	234-363-3	0.0500
VIII	119	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	0.0500
VIII	120	Tetraethyllead	78-00-2	201-075-4	0.0500
VIII	121	Tetralead trioxide sulphate	12202-17-4	235-380-9	0.0500
VIII	122	Trilead dioxide phosphonate	12141-20-7	235-252-2	0.0500
VIII	123	Furan	110-00-9	203-727-3	0.0100
VIII	124	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	0.0100
VIII	125	Diethyl sulphate	64-67-5	200-589-6	0.0100
VIII	126	Dimethyl sulphate	77-78-1	201-058-1	0.0100
VIII	127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	0.0100
VIII	128	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	0.0100
VIII	129	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	0.0100
VIII	130	4,4'-oxydianiline and its salts	101-80-4	202-977-0	0.0100
VIII	131	4-Aminoazobenzene	60-09-3	200-453-6	0.0100
VIII	132	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	0.0100



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VIII	133	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	0.0100
VIII	134	Biphenyl-4-ylamine	92-67-1	202-177-1	0.0100
VIII	135	o-aminoazotoluene	97-56-3	202-591-2	0.0050
VIII	136	o-Toluidine	95-53-4	202-429-0	0.0100
VIII	137	N-methylacetamide	79-16-3	201-182-6	0.0100
VIII	138	1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	0.0100
IX	139	Cadmium	7440-43-9	231-152-8	0.0050
IX	140	Cadmium oxide	1306-19-0	215-146-2	0.0500
IX	141	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	0.0100
IX	142	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	0.0100
IX	143	Dipentyl phthalate (DPP)	131-18-0	205-017-9	0.0100
IX	144	4-Nonylphenol, branched and linear, ethoxylated	—	—	0.0500
X	145	Cadmium sulphide	1306-23-6	215-147-8	0.0100
X	146	Diethyl phthalate (DnHP)	84-75-3	201-559-5	0.0100
X	147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	0.0100
X	148	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	217-710-3	0.0100
X	149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	202-506-9	0.0100
X	150	Lead di(acetate)	301-04-2	206-104-4	0.0500
X	151	Triethyl phosphate	25155-23-1	246-677-8	0.0100
XI	152	1,2-Benzenedicarboxylic acid, diethyl ester, branched and linear	68515-50-4	271-093-5	0.0100
XI	153	Cadmium chloride	10108-64-2	233-296-7	0.0100
XI	154	Sodium perborate; perboric acid, sodium salt	11138-47-9/ 10140-63-3	234-390-0/ 239-172-9	0.0100
XI	155	Sodium peroxometaborate	7632-04-4	231-556-4	0.0100
XII	156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	0.0100
XII	157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	0.0100
XII	158	Cadmium fluoride	7790-79-6	232-222-0	0.0500
XII	159	Cadmium sulphate	10124-36-4/ 31119-53-6	233-331-6	0.0500



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Batch	No.	Substance Name(s)	CAS No.	EC No.	RL (%,w/w)
XII	160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa- 3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	0.0500
XII	161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4- dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl) oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	—	—	0.0500
XIII	162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	68515-51-5/ 68648-93-1	271-094-0/ 272-013-1	0.0100
XIII	163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2- (4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	—	—	0.0100
XIV	164	Nitrobenzene	98-95-3	202-716-0	0.0100
XIV	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	0.0100
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	0.0100
XIV	167	1,3-propanesultone	1120-71-4	214-317-9	0.0100
XIV	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1/ 21049-39-8/ 4149-60-4	206-801-3	0.0100
XV	169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	0.0100
XVI	170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	201-245-8	0.0100
XVI	171	4-heptylphenol, branched and linear (4-HPbl)	—	—	0.0500
XVI	172	nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7/ 335-76-2/ 3830-45-3	206-400-3/ 221-470-5	0.0100
XVI	173	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	0.0100
XVII	174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	—	—	0.0100
XVIII	175	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	—	—	0.0500



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Batch	No.	Substance Name(s)	CAS No.	EC No.	RL (%,w/w)
XVIII	176	Chrysene	218-01-9	205-923-4	0.0050
XVIII	177	Cadmium nitrate	10325-94-7	233-710-6	0.0050
XVIII	178	Cadmium hydroxide	21041-95-2	244-168-5	0.0050
XVIII	179	Cadmium carbonate	513-78-0	208-168-9	0.0050
XVIII	180	Benz[a]anthracene	56-55-3	200-280-6	0.0050
XVIII	181	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	13560-89-9/ 135821-74-8/ 135821-03-3	236-948-9	0.0500
XIX	182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride)(TMA)	552-30-7	209-008-0	0.0500
XIX	183	Dicyclohexyl phthalate	84-61-7	201-545-9	0.0500
XIX	184	Benzo[ghi]perylene	191-24-2	205-883-8	0.0100
XIX	185	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	0.0100
XIX	186	Disodium octaborate	12008-41-2	234-541-0	0.0500
XIX	187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	0.0100
XIX	188	Ethylenediamine	107-15-3	203-468-6	0.0500
XIX	189	Lead	7439-92-1	231-100-4	0.0100
XIX	190	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	0.0100
XIX	191	Terphenyl hydrogenated	61788-32-7	262-967-7	0.0100
XX	192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	0.0100
XX	193	Benzo[k]fluoranthene	207-08-9	205-916-6	0.0100
XX	194	Fluoranthene	206-44-0	205-912-4	0.0100
XX	195	Phenanthrene	85-01-8	201-581-5	0.0100
XX	196	Pyrene	129-00-0	204-927-3	0.0100
XX	197	1,7,7-trimethyl-3-(phenylmethylene) bicyclo[2.2.1]heptan-2-one	15087-24-8	239-139-9	0.0100
XXI	198	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	—	—	0.0100
XXI	199	4-tert-butylphenol	98-54-4	202-679-0	0.0100
XXI	200	2-methoxyethyl acetate	110-49-6	203-772-9	0.0100



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Batch	No.	Substance Name(s)	CAS No.	EC No.	RL (%,w/w)
XXI	201	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acyl halides covering any of their individual isomers and combinations thereof	—	—	0.0100
XXII	202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	404-360-3	0.0100
XXII	203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6	0.0100
XXII	204	Diisohexyl phthalate	71850-09-4	276-090-2	0.0100
XXII	205	Perfluorobutane sulfonic acid (PFBS) and its salts	—	—	0.0100
XXIII	206	1-vinylimidazole	1072-63-5	214-012-0	0.0100
XXIII	207	2-methylimidazole	693-98-1	211-765-7	0.0100
XXIII	208	Butyl 4-hydroxybenzoate	94-26-8	202-318-7	0.0100
XXIII	209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	245-152-0	0.0100
XXIV	210	Bis (2-(2-methoxyethoxy) ethyl) ether	143-24-8	205-594-7	0.0100
XXIV	211	Diocetyl tin dilaurate, stannane, dioctyl-, bis (coco acyloxy) derivs., and any other stannane, dioctyl-, bis (fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety.	—	—	0.0100
XXV	212	1,4-dioxane	123-91-1	204-661-8	0.0100
XXV	213	2,2-bis(bromomethyl) propane-1,3-diol(BMP); 2,2-dimethylpropan-1-ol, tribromo derivative; 3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	3296-90-0 36483-57-5 1522-92-5 96-13-9	221-967-7 253-057-0 — 202-480-9	0.0100
XXV	214	2-(4-tert-butylbenzyl) propionaldehyde and its individual stereoisomers	—	—	0.0100
XXV	215	4,4'-(1-methylpropylidene) bisphenol (bisphenol B)	77-40-7	201-025-1	0.0100
XXV	216	Glutaral	111-30-8	203-856-5	0.0100
XXV	217	Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]	—	—	0.0100
XXV	218	Orthoboric acid, sodium salt	13840-56-7	237-560-2	0.0100



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Batch	No.	Substance Name(s)	CAS No.	EC No.	RL (%,w/w)
XXV	219	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	—	—	0.0100
XXVI	220	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	—	—	0.0100
XXVI	221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1	204-327-1	0.0100
XXVI	222	S-(tricyclo[5.2.1.0 ^{2,6}]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8	401-850-9	0.0100
XXVI	223	Tris(2-methoxyethoxy)vinylsilane	1067-53-4	213-934-0	0.0100
XXVII	224	N-(hydroxymethyl) acrylamide	924-42-5	213-103-2	0.0100
XXVIII	225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	37853-59-1	253-692-3	0.0100
XXVIII	226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	201-236-9	0.0100
XXVIII	227	4,4'-sulphonyldiphenol	80-09-1	201-250-5	0.0100
XXVIII	228	Barium diboron tetraoxide	13701-59-2	237-222-4	0.0100
XXVIII	229	bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	—	—	0.0100
XXVIII	230	Isobutyl 4-hydroxybenzoate	4247-02-3	224-208-8	0.0100
XXVIII	231	Melamine	108-78-1	203-615-4	0.0100
XXVIII	232	Perfluoroheptanoic acid and its salts	—	—	0.0100
XXVIII	233	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	—	473-390-7	0.0100
XXIX	234	Bis(4-chlorophenyl) sulphone	80-07-9	201-247-9	0.0100
XXIX	235	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	278-355-8	0.0100
XXX	236	2,4,6-tri-tert-butylphenol(2,4,6-TTBP)	732-26-3	211-989-5	0.0100
XXX	237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9	221-573-5	0.0100
XXX	238	2-(dimethylamino)-2-[(4-methylphenyl) methyl]-1-[4-(morpholin-4-yl) phenyl]butan-1-one	119344-86-4	438-340-0	0.0100
XXX	239	Bumetrizole(UV-326)	3896-11-5	223-445-4	0.0100



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Batch	No.	Substance Name(s)	CAS No.	EC No.	RL (%,w/w)
XXX	240	2-Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	—	700-960-7	0.0100
XXXI	241	Bis(α , α -dimethylbenzyl) peroxide	80-43-3	201-279-3	0.0100
XXXII	242	Triphenyl phosphate	115-86-6	204-112-2	0.0100

The list of 7 potential Substance

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL (%,w/w)
—	1	Resorcinol	108-46-3	203-585-2	0.0100
—	2	Tris(4-nonylphenyl, branched)phosphite	—	701-028-2	0.0100
—	3	reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8	421-820-9	0.0100
—	4	Perfluamine	338-83-0	206-420-2	0.0100
—	5	Octamethyltrisiloxane	107-51-7	203-497-4	0.0100
—	6	O,O,O-triphenyl phosphorothioate	597-82-0	209-909-9	0.0100
—	7	6-[(C10-C13)-alkyl-(branched, nsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	2156592-54-8	701-118-1	0.0100



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Sample Photo:





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